

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): GUOGEN ZHANG, FEN-LING LIN, JUNG-HSIN HU, YAO-CHING S. CHEN, YUN WANG, and GLENN M. YUKI

Docket: SVL920030024US1

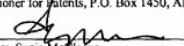
Title: DYNAMIC SELECTION OF OPTIMAL GROUPING SEQUENCE AT RUNTIME FOR GROUPING SETS, ROLLUP AND CUBE OPERATIONS IN SQL QUERY PROCESSING

CERTIFICATE OF MAILING UNDER 37 CFR 1.10

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Sir:

We are transmitting herewith the attached:

- Transmittal sheet, in duplicate, containing Certificate Of Mailing Under 37 CFR 1.10.
- Utility Patent Application: Spec. 29 pgs; 9 claims; Abstract 1 pg(s).
The fee has been calculated as shown below in the "Claims as Filed" table.
- 6 sheets of Drawings.
- A signed Declaration and Power of Attorney.
- Assignment of the invention to INTERNATIONAL BUSINESS MACHINES CORPORATION, Recordation Form Cover Sheet.
- A charge to Deposit Account in the amount of \$750.00 to cover the Filing Fees.
- A charge to Deposit Account in the amount of \$40.00 to cover the Assignment Recordation Fee.
- Return postcard.

CLAIMS AS FILED

Number of Claims Filed	In Excess of:	Number Extra	Rate	Fee
Basic Filing Fee				\$750.00
Total Claims				
9	20	0	x \$18.00	= \$0.00
Independent Claims				
3	3	0	x \$84.00	= \$0.00
MULTIPLE DEPENDENT CLAIM FEE				\$0.00
TOTAL FILING FEE				\$750.00

Please charge all fees to Deposit Account No. 09-0460 of I.B.M. Corporation, the assignee of the present application. A duplicate of this sheet is enclosed.

By: 
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